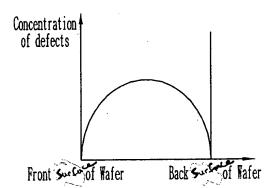
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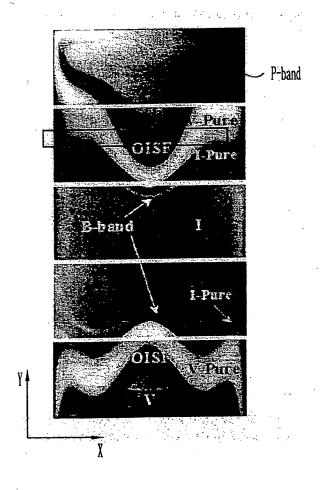
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FIG. 1 (PRIOR ART)



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FIG. 2



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FIG. 3A

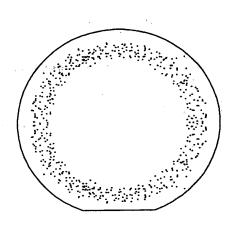
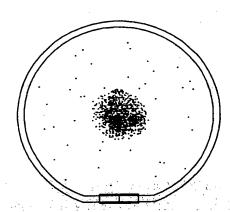


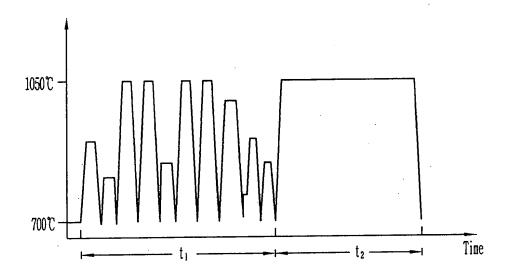
FIG. 3B



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FIG. 4



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FIG. 5A

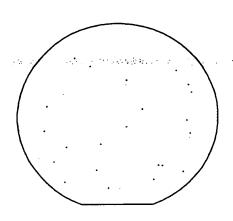
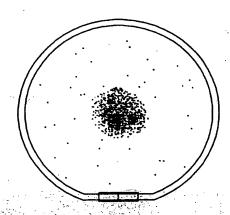


FIG. 5B



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FIG. 6A

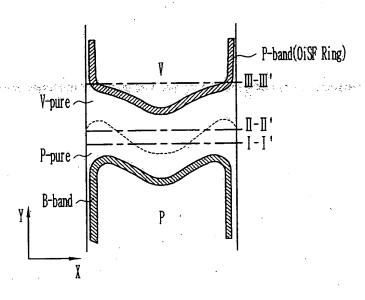
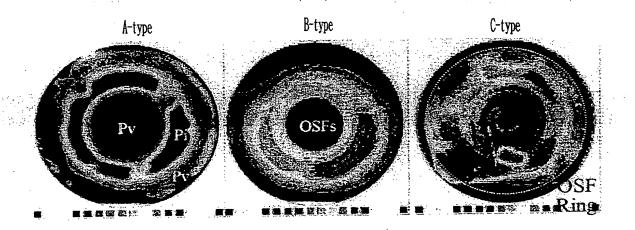


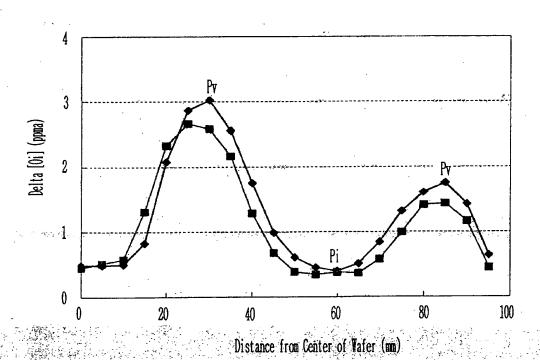
FIG. 6B



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FIG. 7



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FIG. 8

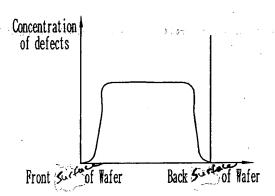
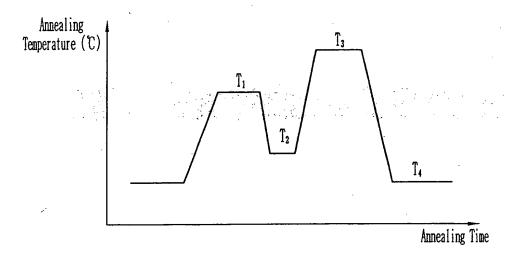


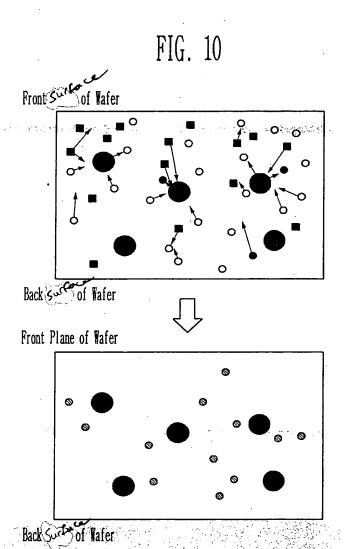
FIG. 9



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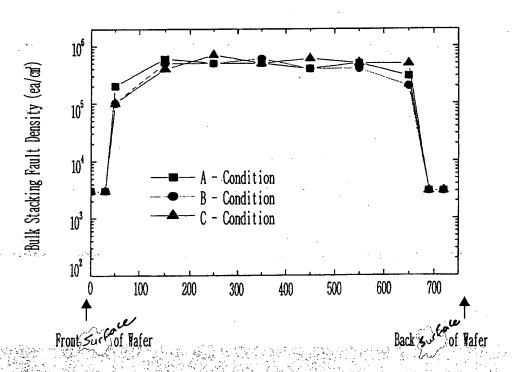


- (a) Vacancy (□) (b) Interstitial Silicon (•) (c) Interstitial Oxygen (○)
- (d) Oxygen Precipitate (⋄) (e) Bulk Stacking Fault (●

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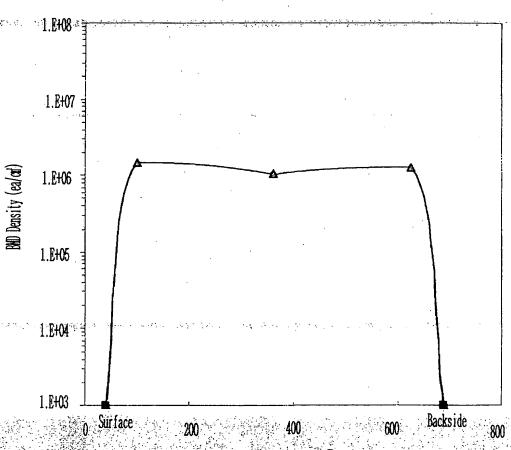
FIG. 11



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FIG. 12A

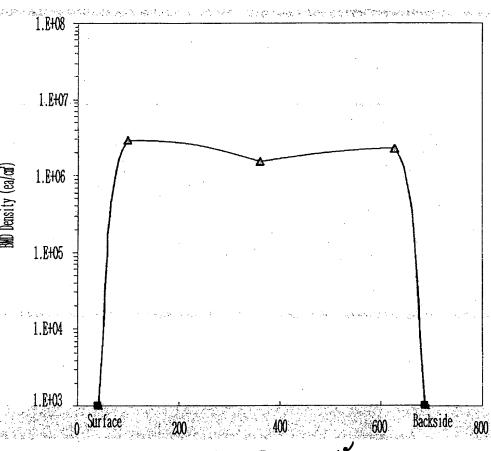


Distance from Surface of Front Surface of Wafer (1911)

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FIG. 12B



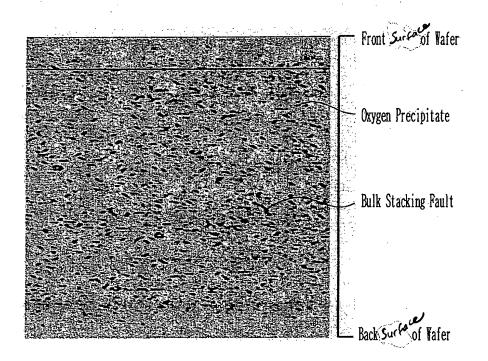
of Wafer (m) Distance from (

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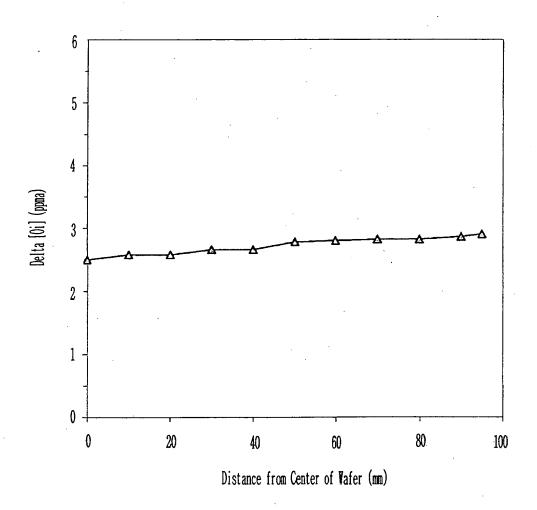
FIG. 13



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FIG. 14A

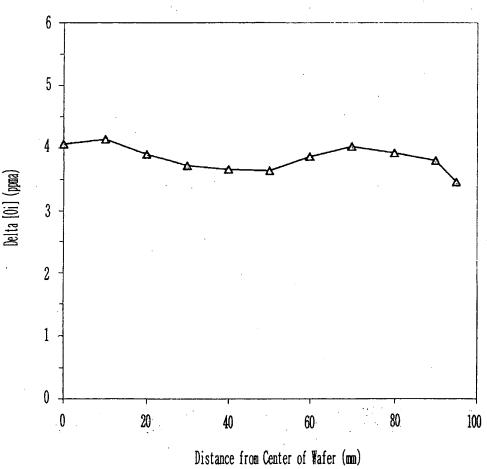


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FIG. 14B

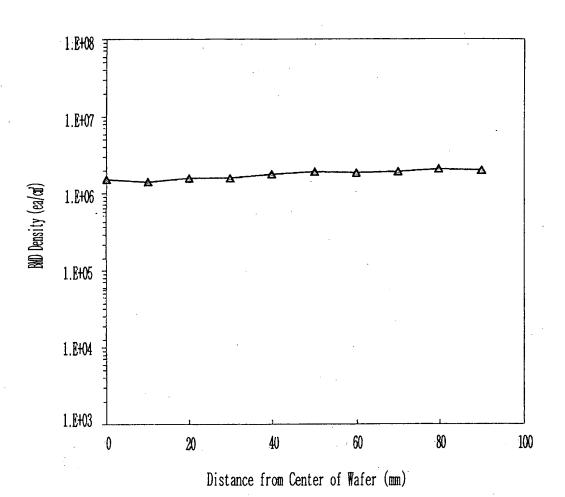


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FIG. 15A

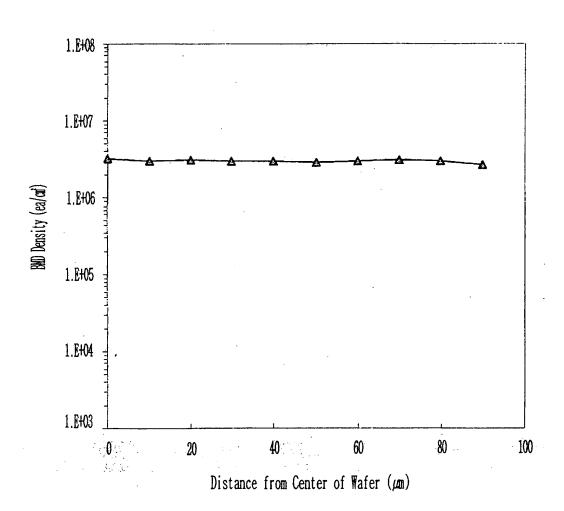


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FIG. 15B

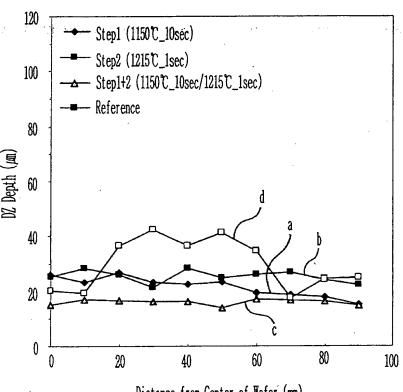


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FIG. 16A



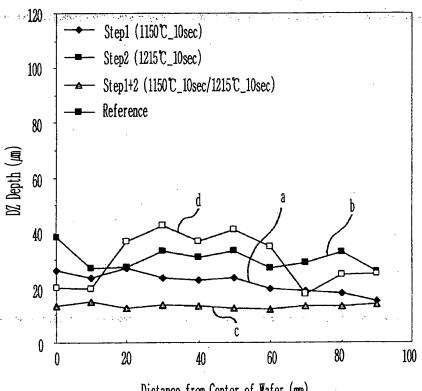
Distance from Center of Wafer (mm)

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FIG. 16B



Distance from Center of Wafer (mm)

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FIG. 17A

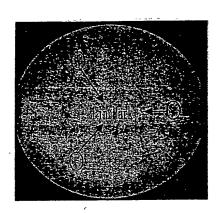


FIG. 17B

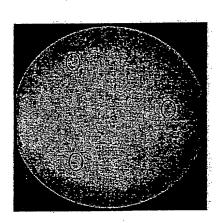
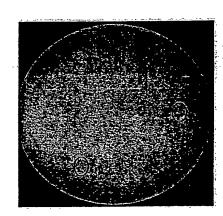


FIG. 17C



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FIG. 18

